SPECIAL MINE SAFETY REPOR

# Coal Industry News

COAL'S NATIONAL NEWSPAPER

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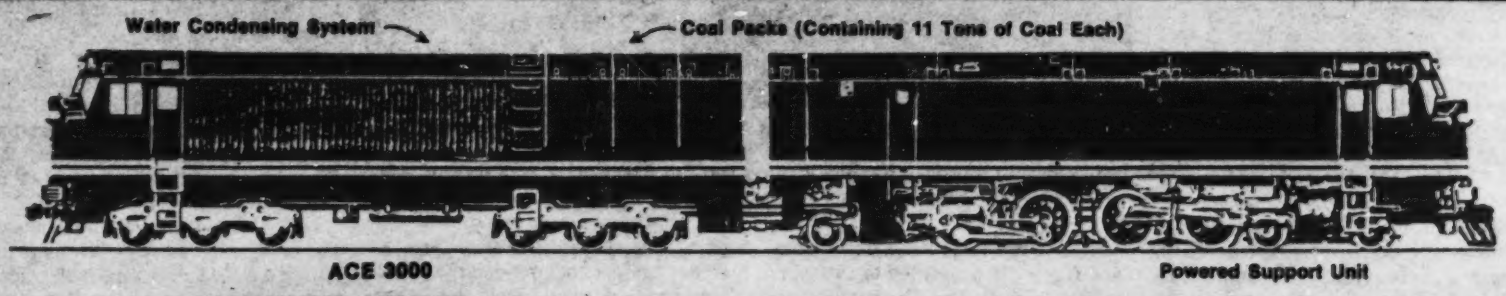
# Coal Locomotive Prospects Encouraging: Rahall



WASHINGTON D.C.

"I am encouraged and enthusiastic over the prospects for a coal-fueled railroad locomotive," said West Virginia's Fourth District Congressman Nick J. Rahall. "Such a development could mean a great deal to the nation, and to the State of West Virginia," Rahall pointed out.

Congressman Rahall's comments came in reference to a project being advanced by American Coal Enterprises (ACE), of Akron, Ohio.

The locomotive, called the Ace 3000, is coal fueled by a two-stage combustion process that burns coal cleanly and is environmentally acceptable.

"According to Present data," Rahall stated, "The ACE 3000 could save railroads approximately $1.3 billion per year in fuel costs."

"Furthermore," Rahall said, "converting railroads to coal fuel would utilize 40 to 50 million tons of American coal, and put as many as 15,000 presently unemployed coal miners back to work."

"Coal is our Nation's most abundant and practical energy resource," Congressman Rahall observed. "The ACE 3000 is the beginning of a renewed interest in the development of coal fueled locomotives."

"This project has a great deal going for it, and I am pleased that good old American know-how is working to make us energy independent," Congressman Rahall concluded.

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**EXPERT PREDICTS $9-PER-THOUSAND-CUBIC FEET cost for "Coal Gas" in 1984. (Page 2)**

**WEST VIRGINIA BETHLEHEM STEEL MINE wins "Sentinels of Safety" Award for 2nd year. (Page 2)**

**VIRGINIA PORT AUTHORITY HEAD urges harbor dredging as move to expand coal exports. (Page 5)**

**BRITIAN SPENDING $4-MILLION WEEKLY in giant effort to revitalize Nation's coal industry. (Page 11)**

**WEST VIRGINIA COAL ASSOCIATION PRESIDENT says mine accident statistics "may be misleading." (Page 20)**

## Future Bright for Coal, Experts Tell CIN Forum

By GENE SMITH

NEW YORK

**New approaches to marketing and governmental relations are needed if the coal industry is to realize forecasts of booming growth, according to several speakers at CINews' forum on "The Economics of Coal's Future" at the Pierre Hotel here.**

**"If you want to sell coal in the future, you must market it on consistent quality," Gerald Blackmore, executive vice president of American Electric**

(Continued on Page 19)

BEST AVAILABLE COPY

# DOMESTIC

| | 9/20/80 | 9/13/80 | 9/22/60 |
|---|---|---|---|
| **Production** | | | |
| Bituminous, recent week | 17,475 | 17,810 | 15,977 |
| Bituminous, year to date | 605,030 | 587,555 | 553,491 |
| Anthracite, recent week | 94 | 84 | 109 |
| Anthracite, year to date | 4,009 | 3,925 | 3,408 |
| **Railroad carloadings** | | | |
| Bituminous, recent week | 119,209 | 120,112 | 110,525 |
| Bituminous, year to date | 4,115,821 | 3,996,612 | 3,731,148 |
| Anthracite, recent week | 505 | 448 | 618 |
| Anthracite, year to date | 21,222 | 20,717 | 21,336 |

Production data in thousands of short tons.
Source: U.S. Dept. of Energy, Energy Information Administration — Weekly Coal Reports.

| | 9/13/80 | 9/6/80 | 9/15/79 |
|---|---|---|---|
| **Production by states, bituminous and lignite** | | | |
| **Eastern** | | | |
| Alabama | 613 | 548 | 550 |
| Georgia | 1 | 1 | 10 |
| Illinois | 1,529 | 1,318 | 1,195 |
| Indiana | 657 | 564 | 530 |
| Kentucky: | | | |
| Eastern | 2,492 | 2,024 | 2,183 |
| Western | 934 | 809 | 1,099 |
| Total, Ky. | 3,426 | 2,832 | 3,282 |
| Maryland | 86 | 79 | 98 |
| Ohio | 839 | 842 | 980 |
| Pennsylvania | 2,056 | 1,754 | 2,103 |
| Tennessee | 320 | 285 | 247 |
| Virginia | 1,050 | 868 | 1,030 |
| West Virginia | | | |
| Total, eastern | 2,213 | 1,737 | 2,085 |
| **Western** | | | |
| Alaska | 16 | 13 | 15 |
| Arizona | 247 | 227 | 230 |
| Arkansas | 14 | 11 | 17 |
| Colorado | 381 | 407 | 326 |
| Iowa | 12 | 10 | 16 |
| Kansas | 10 | 6 | 15 |
| Missouri | 132 | 131 | 127 |
| Montana | 650 | 667 | 762 |
| New Mexico | 289 | 268 | 250 |
| North Dakota | 252 | 340 | 343 |
| Oklahoma | 104 | 84 | 136 |
| Texas | 548 | 358 | 519 |
| Utah | 191 | 146 | 257 |
| Washington | 106 | 100 | 95 |
| Wyoming | 1,870 | 1,888 | 1,413 |
| Total, western | | | |
| Total, United States | 17,610 | 15,285 | 16,631 |

In short tons (000). Source: U.S. Dept. of Energy, Energy Information Administration - Weekly Coal Report.

| | July '80 | June '80 | July '79 |
|---|---|---|---|
| **Coal Labor** | | | |
| All employees, thousands | | | |
| Coal mining | 254.5 | 262.0 | 263.7 |
| Bituminous & lignite | 251.4 | 258.8 | 260.5 |
| Production employees, thousands | | | |
| Coal mining | 210.3 | 218.3 | 219.2 |
| Bituminous & lignite | 207.5 | 213.4 | 216.4 |
| Hours, weekly average | | | |
| Coal mining | N.A. | 40.3 | N.A. |
| Bituminous & lignite | N.A. | 40.3 | |
| Earnings, hourly average, $ | | | |
| Coal mining | N.A. | 10.94 | N.A. |
| Bituminous & lignite | N.A. | N.A. | N.A. |
| Earnings, weekly average, $ | | | |
| Coal mining | 388.02 | 440.98 | 393.58 |
| Bituminous & lignite | 388.34 | 442.09 | 394.89 |

Source: U.S. Dept. of Labor, Bureau of Labor Statistics - Employment and Earnings.
N.A. - Not available.

| | 9/13/80 | 9/6/80 | 9/15/79 |
|---|---|---|---|
| **Transportation: railroad** | | | |
| **Eastern district** | | | |
| Bessemer and Lake Erie | 1,403 | 1,172 | 2,016 |
| Baltimore and Ohio | 6,788 | 5,537 | 5,528 |
| Chesapeake and Ohio | 15,791 | 11,537 | 14,037 |
| Consolidated Rail Corp. | 9,124 | 8,099 | 10,784 |
| Norfork and Western | 18,255 | 14,312 | 17,794 |
| Pittsburgh & Lake Erie | 252 | 305 | 406 |
| Western Maryland | 2,408 | 2,209 | 1,378 |
| Other, eastern district | 58 | 13 | 142 |
| Total, eastern district | 54,079 | 43,184 | 52,085 |
| **Southern district** | | | |
| Clinchfield Railroad | 2,235 | 1,777 | 1,918 |
| Illinois Central Gulf | 4,894 | 3,781 | 4,376 |
| Louisville & Nashville | 14,111 | 13,020 | 13,968 |
| Southern Railway | 9,008 | 7,987 | 8208 |
| Other, southern district | 7 | 30 | — |
| Total, southern district | 30,053 | 26,595 | 28,469 |
| **Western district** | | | |
| Atchison, Topeka & Santa Fe | 1,547 | 1,434 | 1,180 |
| Burlington Northern | 20,477 | 21,146 | 19,241 |
| Chicago & North Western | 510 | 640 | 457 |
| Denver & Rio Grande Western | 3,357 | 3,637 | 3,384 |
| Kansas City Southern | 91 | 101 | 136 |
| Chicago, Mil., St. Paul & Pacific | 354 | 1,279 | 914 |
| Missouri-Kansas-Texas | 102 | 78 | 213 |
| Missouri Pacific | 4,504 | 3,861 | 4,653 |
| St. Louis-San Francisco | 807 | 610 | 892 |
| Soo Line | 53 | 109 | 133 |
| Union Pacific | 4,178 | 3,642 | 2,803 |
| Other, western district | 13 | 50 | — |
| Total, western district | 35,993 | 36,587 | 34,696 |
| Total, all districts | 120,125 | 106,366 | 115,250 |

| **Transportation: inland rivers** | 9/20/80 | 9/13/80 | 9/22/79 |
|---|---|---|---|
| Monongahela River, Lock 3 | 242,830 | 247,880 | 311,635 |
| Allegheny River, Lock 2 | 21,600 | 20,800 | 42,300 |
| Ohio River, Monigomery Lock | 198,470 | 286,727 | 267,600 |

In short tons through locks.
Source: U.S. Army, Corps of Engineers, Pittsburgh District.

| **Consumption-Bituminous** | 8/80 | 7/80 | 8/79 |
|---|---|---|---|
| Electric power utilities | 53,489 | 45,731 | 48,121 |
| Coke plants | 4,893 | 5,317 | 6,489 |
| Other industrial | 5,000 | 5,000 | 5,175 |
| Residential & commercial | 350 | 400 | 349 |
| Total | 63,732 | 56,448 | 60,134 |
| **Consumption-Anthracite** | 7/80 | 7/80 | 8/79 |
| Electric utility | 93 | 89 | 96 |
| Coke plants | 10 | 9 | 24 |
| Other industrial | 75 | 75 | 48 |
| Residential & commercial | 150 | 150 | 96 |
| Total | 328 | 323 | 264 |

Data given in thousands of short tons.
Source: U.S. Dept. of Energy, Energy Information Administration - Weekly Coal Report

| **Coal User Stocks of Coal** | 8/30/80 | 5/31/80 | 8/30/79 |
|---|---|---|---|
| Electric power utilities | 175,120 | 170,319 | 134,394 |
| Coke plants | 9,872 | 9,853 | 9,941 |
| Other industrial | 9,400 | 9,100 | 8,668 |
| Total | 194,392 | 189,072 | 133,003 |

Data given in thousands of short tons.
Source: U.S. Dept. of Energy, Energy Information Administration - Weekly Coal Report.

| **Coal User Production** | Recent | Previous | Year Ago |
|---|---|---|---|
| Major direct users: | | | |
| Electric utilities (Mil. Kwh., week Sept. 20, 1980) | 44,434 | 45,549 | 41,239 |
| Steel (Short tons, thousands, week Sept. 20, 1980) | 1,802 | 1,757 | 2,445 |
| Cement, Portland, U.S. shipments (short tons, June 1980) | 6,980,752 | 6,448,480 | 6,313,071 |
| Other significant output: | | | |
| Aluminum (short tons, August 1980) | 421,720 | 424,607 | 430,192 |
| Motor vehicle production, total (week ended, Sept. 20, 1980) | 154,610 | 148,264 | 200,921 |
| Machine tools: | | | |
| Net new orders ($000, Aug. 1980) | 272,550 | 310,800 | 426,050 |
| Shipments ($000, Aug. 1980) | 309,000 | 320,050 | 285,350 |

| **Price Indexes** | 8/80 | 7/80 | 8/79 |
|---|---|---|---|
| Coal | 469.0 | 467.8 | 454.4 |
| Anthracite | 470.4 | 462.9 | 409.7 |
| Chestnut, Pa. mine | N.A. | N.A. | 362.3 |
| Buckwheat No. 1, Pa., mine | N.A. | N.A. | 472.7 |
| Bituminous | 466.1 | 467.0 | 454.9 |
| Domestic sizes | 580.7 | 580.7 | 573.9 |
| Retail dealers | 274.7 | 274.7 | 271.5 |
| Industrial sizes, spot | 395.8 | 396.1 | 394.4 |
| Steam electric utility | 122.1 | 122.3 | 117.6 |
| Manufacturing | 250.3 | 250.8 | 251.0 |
| Metallurgical, high volatile | 696.5 | 696.5 | 710.0 |
| Metallurgical, low & medium volatile | 704.6 | 704.6 | 707.1 |
| Industrial sizes, contract | 133.1 | 132.7 | 128.4 |
| Steam electric utility | 160.2 | 159.3 | 148.5 |
| Manufacturing | 120.1 | 120.1 | 116.9 |
| Metallurgical, high volatile | 99.2 | 99.4 | 104.4 |
| Coke (foundry by-product) | 430.6 | 430.6 | 430.6 |
| Birmingham, Ala. | 439.6 | 439.6 | 434.0 |
| Milwaukee, Wis. | 420.4 | 420.4 | 420.4 |
| Detroit, Mich. | 423.1 | 423.1 | 427.4 |
| Indianapolis, Ind | 437.7 | 437.7 | 437.7 |
| St. Louis, Missouri | 286.8 | 286.8 | 286.8 |
| Philadelphia, Penna | 285.8 | 285.8 | 285.8 |

N.A.-Not available

# EXPORTS

| | Physical Value: Quantity in short tons | | | Dollar Value | | | Prices—Avg. Value per Short Ton: Avg. Value, per short ton | | |
|---|---|---|---|---|---|---|---|---|---|
| | July 1980 | June 1980 | July 1979 | July 1980 | June 1980 | July '79 | July '80 | June '80 | July '79 |
| **Bituminous coal, low volatile blends to coke coke** | | | | | | | | | |
| Japan | 1,524,560 | 2,296,851 | 1,139,189 | 87,611,566 | 133,967,532 | 65,557,009 | 57.47 | 58.28 | 57.55 |
| Canada | 606,212 | 662,114 | 987,367 | 35,917,171 | 38,281,749 | 56,944,032 | 59.25 | 57.82 | 57.67 |
| Italy | 528,348 | 411,525 | 375,503 | 28,330,860 | 20,514,551 | 19,959,896 | 53.62 | 49.85 | 53.16 |
| Brazil | 342,923 | 249,033 | 292,201 | 19,538,281 | 15,041,960 | 16,670,172 | 56.98 | 60.40 | 57.05 |
| France | 317,622 | 319,152 | 284,849 | 16,544,816 | 17,205,452 | 13,964,727 | 52.09 | 53.91 | 52.77 |
| Spain | 300,663 | 56,816 | 35,383 | 14,930,213 | 3,176,026 | 1,907,734 | 49.62 | 56.10 | 53.95 |
| Belgium | 292,418 | 390,687 | 352,031 | 13,270,673 | 18,924,237 | 17,939,254 | 45.38 | 48.44 | 50.96 |
| Germany, F.R. (West) | 203,146 | 112,284 | 147,358 | 10,840,264 | 5,826,572 | 7,638,862 | 53.36 | 51.90 | 51.83 |
| United Kingdom | 170,352 | 256,307 | 39,903 | 9,318,677 | 13,651,109 | 2,163,578 | 54.70 | 53.26 | 54.22 |
| Sweden | 132,450 | 115,657 | 52,886 | 6,952,424 | 6,101,855 | 2,494,832 | 52.49 | 52.76 | 47.17 |
| Egypt | 118,348 | — | 122,803 | 6,791,474 | — | 6,196,910 | 57.39 | — | 50.46 |
| Total, above | 4,537,240 | 4,872,206 | 3,809,253 | 250,040,419 | 272,691,043 | 211,435,006 | 55.11 | 55.97 | 55.51 |
| Total, other nations | 321,215 | 1,030,852 | 664,002 | 18,674,048 | 53,309,814 | 34,433,607 | 51.91 | 51.71 | 51.86 |
| Total, all nations | 4,858,455 | 5,903,058 | 4,473,255 | 266,714,467 | 326,000,857 | 245,868,613 | 54.90 | 55.23 | 54.96 |
| **Bituminous coal, other** | | | | | | | | | |
| Canada | 1,487,958 | 1,397,937 | 1,531,623 | 59,342,364 | 56,396,840 | 59,138,250 | 39.88 | 40.34 | 38.61 |
| France | 296,957 | 333,998 | — | 108,638,876 | 11,962,046 | — | 36.58 | 35.81 | — |
| Denmark | 263,923 | — | — | 10,596,823 | — | — | 40.15 | — | — |
| Netherlands | 211,398 | 59,865 | — | 8,882,421 | 2,378,570 | — | 42.02 | 39.73 | — |
| United Kingdom | 186,133 | 422,976 | — | 7,817,691 | 17,435,007 | — | 42.00 | 41.22 | — |
| Belgium | 136,282 | 82,401 | — | 4,979,668 | 2,964,502 | — | 36.54 | 35.98 | — |
| Japan | 126,841 | 32,094 | 82,392 | 5,633,419 | 1,742,830 | 4,305,333 | 46.06 | 54.30 | 52.25 |
| Total, above | 2,709,292 | 2,329,271 | 1,614,015 | 106,316,082 | 92,879,795 | 63,443,583 | 39.98 | 39.88 | 39.31 |
| Total, other nations | 404,432 | 478,755 | 161,713 | 16,245,971 | 19,033,660 | 8,161,688 | 40.17 | 39.76 | 50.47 |
| Total, all nations | 3,113,724 | 2,808,026 | 1,775,728 | 124,562,033 | 111,913,455 | 71,605,251 | 40.00 | 39.85 | 40.32 |
| **Lignite** | | | | | | | | | |
| Total, all nations | 2,047 | 4,362 | 2,750 | 371,106 | 888,378 | 629,678 | 181.29 | 203.66 | 228.97 |

| | Physical Value | | | Dollar Value | | | Prices—Avg. Value per Short Ton | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | July 1980 | June 1980 | July 1979 | July 1980 | June 1980 | July 1979 | July 1980 | June 1980 | July 1979 |
| **Coal coke for use as fuel** | | | | | | | | | |
| Total, all nations | 194,895 | 219,437 | 154,929 | 10,760,185 | 12,998,006 | 8,243,525 | 55.21 | 59.23 | 53.21 |
| **Petroleum coke, except calcined** | | | | | | | | | |
| Japan | 185,786 | 110,816 | 123,102 | 8,093,996 | 4,414,159 | 3,259,125 | 43.57 | 39.83 | 26.47 |
| Canada | 101,883 | 72,739 | 183,218 | 3,498,339 | 2,204,185 | 4,922,494 | 34.34 | 30.30 | 26.87 |
| Italy | 100,601 | 56,077 | 88,153 | 4,077,817 | 2,344,039 | 2,531,568 | 40.53 | 41.80 | 28.72 |
| Total, above | 388,250 | 239,632 | 394,473 | 15,669,952 | 8,962,383 | 10,713,187 | 40.36 | 37.40 | 27.16 |
| Total, other nations | 185,952 | 583,041 | 285,762 | 6,423,882 | 23,022,212 | 8,273,231 | 34.55 | 40.89 | 28.95 |
| Total, all nations | 574,202 | 802,673 | 680,235 | 22,093,834 | 31,984,595 | 18,986,418 | 38.48 | 39.85 | 27.91 |
| **Coal equivalents used for fuel** | | | | | | | | | |
| Total, all nations | 193 | 108 | 871 | 26,126 | 13,728 | 136,227 | 135.37 | 127.11 | 156.40 |
| **Anthracite** | | | | | | | | | |
| Area, Rep. (South) | 127,138 | 90,765 | 33,003 | 3,644,526 | 2,636,548 | 1,556,902 | 28.67 | 29.05 | 47.17 |
| Total, other nations | 146,011 | 92,947 | 14,773 | 8,917,628 | 6,672,990 | 960,698 | 61.08 | 71.79 | 65.03 |
| Total, all nations | 273,149 | 183,712 | 47,776 | 12,562,154 | 9,309,538 | 2,517,600 | 45.99 | 50.67 | 52.70 |
| **IMPORTS** | | | | | | | | | |
| **Bituminous coal** | | | | | | | | | |
| Total, all nations | 28,763 | 64,441 | 48,735 | 973,681 | 1,485,375 | 1,292,470 | 33.85 | 23.05 | 26.52 |
| **Coke suitable for fuel** | | | | | | | | | |
| Total, all nations | 23,270 | 60,538 | 465,701 | 2,301,960 | 5,210,715 | 39,552,440 | 98.92 | 86.07 | 84.93 |
| **Competitive for fuel** | | | | | | | | | |
| Total, all nations | 2,373 | 6,884 | 2,461 | 102,644 | 270,046 | 87,076 | 43.25 | 39.23 | 27.26 |
| **Coal, other & lignite** | | | | | | | | | |
| Total, all nations | 3,150 | 39,712 | 39,413 | 105,755 | 1,199,124 | 1,403,255 | 33.57 | 30.20 | 35.60 |

## A CALENDAR OF EVENTS OF MEETINGS OF INTEREST TO THE COAL AND OTHER ENERGY-RELATED INDUSTRIES.

**Oct. 14-15 — Coal Transportation Seminar,** sponsored by Coal Week and The Energy Bureau at Stouffer's National Center, Arlington, Va. Information: Peggy Chase, 212-687-3178, or The Energy Bureau, 41 East 42d St., New York, N.Y. 10017.

**Oct. 20-21 — "Launching the Synfuels Industry"** at Hyatt Regency Hotel, Washington, D.C., sponsored by SynFuels. Information: McGraw-Hill Conference & Exposition Center, 1221 Avenue of the Americas—Room 3677, New York, N.Y. 10020. Telephone: 212-997-4930.

**Oct. 27-29 — "Trees for Reclamation"** at Holiday Inn North, Lexington, Ky., sponsored by Interstate Mining Compact Commission and U.S. Department of Agriculture, Forest Service.

**Nov. 6-7 — "Synfuels Industry Opportunities** at Hotel Washington, Washington, D.C., sponsored by Government Institutes, P.O. Box 5918, Washington, D.C. 20014. Telephone: 301-656-1090.

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# NOTE

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# Coal Industry News

COAL'S NATIONAL NEWSPAPER



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7101 WISCONSIN AVE
WASHINGTON DC 20014



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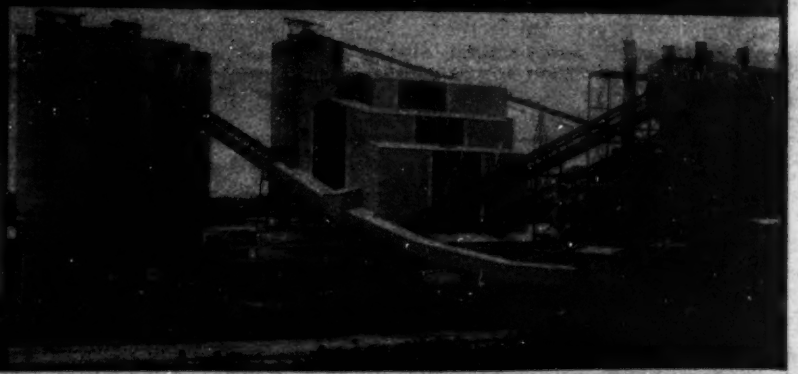
## Inland Dedicates World's Largest Blast Furance



EAST CHICAGO, Ill.

The world's most advanced blast furnace, the largest in the Western Hemisphere, has been dedicated at Inland Steel Company's Indiana Harbor Works, concluding a $1-billion, 6-year expansion program increasing the annual raw steel capacity of the nation's largest steel mill by 1.1-million tons.

Mrs. Madeline Block Willner, 78, who at the age of five in 1907 lit Inland's first blast furnace, ignited an antique railroad lamp with coals from that furnace. The flame from the lamp will touch off the mammoth new furnace when it is "blown-in" later this month.

Mrs. Willner is the daughter of the late Philip D. Block, one of Inland's founders and its president from 1919 to 1941.

Present at the ceremonies were Secretary of Commerce Philip M. Klutznick; Indiana Governor Otis Bowen, M.D.; Robert M. Pastrick, mayor of East Chicago; and Inland Chairman Frederick G. Jaicks; Vice Chairman Raymond N. Carlen, President Frank W. Luerssen, and Steelmaking Vice President Thomas G. Katsahnias.

"The addition of Madeline No. 7 Blast Furnace considerably enhances our ability to meet the anticipated growth of the nation's most diversified manufacturing


(Continued on Page 17)


## Proposed Gas Utility Rates Could Be Bad News for Coal

By PAUL FEINE

WASHINGTON

**Through at least 7 drafts, and after thousands of pages of public testimony on the issues involved, the Department of Energy's Economic Regulatory Administration (ERA) has finally come up with its "ideal" suggestions for gas utility rate designs.**

**The conclusions, if eventually adopted and forced on the nation's gas utilities, could spell very bad news for the coal industry.**

**The study of gas utility rate structures was mandated by Section 306 of the Public Utility Regulatory Policies Act (PURPA) of 1978, one of the five parts of**


**(Continued on Page 17)**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**COAL-LOADING DELAYS at Hampton Roads to be checked by task force Wednesday. (Page 2)**

**NAM BACKS 20% CREDIT addition to investment tax credit for energy savings. (Page 2)**

**JOHN CORCORAN WONDERS when we'll ever learn "how tenuous is our lifeline" to Middle East oil. (Page 13)**

**UNIQUE COGENERATION PLANT passes 6-month feasibility test. (Page 8)**

**1980's 'GOLD RUSH' BLOOMS in Rockies for synfuels funding. (Page 2)**



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# DOMESTIC

| | 9/27/80 | 9/20/80 | 9/29/79 |
|---|---|---|---|
| **Production** | | | |
| Bituminous, recent week | 16,910 | 17,475 | 16,362 |
| Bituminous, year to date | 621,940 | 605,030 | 569,853 |
| Anthracite, recent week | 95 | 94 | 105 |
| Anthracite, year to date | 4,104 | 4,009 | 3,513 |
| **Railroad carloadings** | | | |
| Bituminous, recent week | 118,608 | 119,209 | 113,547 |
| Bituminous, year to date | 4,232,429 | 4,115,821 | 3,644,693 |
| Anthracite, recent week | 508 | 505 | 591 |
| Anthracite, year to date | 21,730 | 21,222 | 21,926 |

Production data in thousands of short tons.
Source: U.S. Dept. of Energy, Energy Information Administration — Weekly Coal Reports.

| | 9/20/80 | 9/13/80 | 9/22/79 |
|---|---|---|---|
| **Production by states, bituminous and lignite** | | | |
| **Eastern** | | | |
| Alabama | 619 | 613 | 490 |
| Georgia | 1 | 1 | 12 |
| Illinois | 1,391 | 1,529 | 1,328 |
| Indiana | 567 | 657 | 547 |
| Kentucky: | | | |
| Eastern | 2,560 | 2,492 | 2,080 |
| Western | 958 | 934 | 955 |
| Total, Ky. | 3,518 | 3,426 | 3,035 |
| Maryland | 72 | 86 | 91 |
| Ohio | 926 | 839 | 846 |
| Pennsylvania | 2,080 | 2,056 | 1,967 |
| Tennessee | 275 | 320 | 216 |
| Virginia | 948 | 1,050 | 846 |
| West Virginia | 2,200 | 2,213 | 1,933 |
| Total, eastern | 12,577 | 12,790 | 11,311 |
| **Western** | | | |
| Alaska | 16 | 16 | 15 |
| Arizona | 250 | 247 | 275 |
| Arkansas | 15 | 14 | 13 |
| Colorado | 400 | 381 | 291 |
| Iowa | 11 | 12 | 14 |
| Kansas | 11 | 10 | 13 |
| Missouri | 131 | 132 | 116 |
| Montana | 675 | 650 | 767 |
| New Mexico | 327 | 289 | 243 |
| North Dakota | 275 | 252 | 316 |
| Oklahoma | 117 | 104 | 126 |
| Texas | 550 | 548 | 489 |
| Utah | 200 | 192 | 255 |
| Washington | 105 | 106 | 90 |
| Wyoming | 1,815 | 1,870 | 1,663 |
| Total, western | 3,475 | 4,820 | 4,986 |
| Total, United States | 17,475 | 17,610 | 15,977 |

In short tons (000). Source: U.S. Dept. of Energy, Energy Information Administration - Weekly Coal Report.

| | July '80 | June '80 | July '79 |
|---|---|---|---|
| **Coal Labor** | | | |
| All employees, thousands | | | |
| Coal mining | 254.5 | 262.0 | 263.7 |
| Bituminous & lignite | 251.4 | 258.8 | 260.5 |
| Production employees, thousands | | | |
| Coal mining | 210.3 | 216.3 | 219.2 |
| Bituminous & lignite | 207.5 | 213.4 | 216.4 |
| Hours, weekly average | | | |
| Coal mining | N.A. | 40.3 | N.A. |
| Bituminous & lignite | N.A. | 40.3 | |
| Earnings, hourly average, $ | | | |
| Coal mining | N.A. | 10.94 | N.A. |
| Bituminous & lignite | N.A. | N.A. | N.A. |
| Earnings, weekly average, $ | | | |
| Coal mining | 388.02 | 440.88 | 393.58 |
| Bituminous & lignite | 388.34 | 442.09 | 394.89 |

Source: U.S. Dept. of Labor, Bureau of Labor Statistics - Employment and Earnings.
N.A. - Not available.

| | 9/27/80 | 9/20/80 | 9/29/79 |
|---|---|---|---|
| **Transportation: railroad** | | | |
| **Eastern district** | | | |
| Bessemer and Lake Erie | 1,296 | 1,327 | 1,755 |
| Baltimore and Ohio | 5,786 | 6,154 | 6,592 |
| Chesapeake and Ohio | 16,071 | 15,032 | 13,564 |
| Consolidated Rail Corp. | 8,571 | 9,713 | 10,440 |
| Norfork and Western | 17,621 | 17,812 | 18,437 |
| Pittsburgh & Lake Erie | 240 | 337 | 194 |
| Western Maryland | 2,287 | 2,007 | 1,975 |
| Other, eastern district | 46 | 32 | 16 |
| Total, eastern district | 51,920 | 52,414 | 52,973 |
| **Southern district** | | | |
| Clinchfield Railroad | 2,161 | 2,232 | 2,050 |
| Illinois Central Gulf | 4,230 | 4,548 | 3,271 |
| Louisville & Nashville | 14,347 | 15,219 | 14,338 |
| Southern Railway | 9,677 | 8,898 | 8,173 |
| Other, southern district | 6 | 7 | — |
| Total, southern district | 30,421 | 30,904 | 27,832 |
| **Western district** | | | |
| Atchison, Topeka & Santa Fe | 1,465 | 1,747 | 1,621 |
| Burlington Northern | 19,623 | 19,480 | 17,416 |
| Chicago & North Western | 301 | 557 | 539 |
| Denver & Rio Grande Western | 3,640 | 3,734 | 3,411 |
| Kansas City Southern | 102 | 102 | 187 |
| Chicago, Mil., St. Paul & Pacific | 548 | 448 | 827 |
| Missouri-Kansas-Texas | 77 | 78 | 282 |
| Missouri Pacific | 3,857 | 4,358 | 3,896 |
| Chicago, Rock Is. & pacific | — | — | 71 |
| St. Louis-San Francisco | 845 | 961 | 855 |
| Soo Line | 83 | 81 | 110 |
| Union Pacific | 3,679 | 4,330 | 3,522 |
| Other, western district | 68 | 31 | 5 |
| Total, western district | 34,268 | 35,907 | 32,742 |
| Total, all districts | 116,609 | 119,225 | 113,547 |

| **Transportation: inland rivers** | Oct. 4, 1980 | 9/27/80 | 10/6/79 |
|---|---|---|---|
| Monongahela River, Lock 3 | 295,994 | 308,906 | 364,838 |
| Allegheny River, Lock 2 | 14,100 | 24,300 | 32,400 |
| Ohio River, Montbomery Lock | 282,797 | 235,279 | 503,993 |

In short tons through locks, Source: U.S. Army, Corps of Engineers, Pittsburgh District.

| **Consumption-Bituminous** | 8/80 | 7/80 | 8/79 |
|---|---|---|---|
| Electric power utilities | 53,489 | 45,731 | 48,121 |
| Coke plants | 4,893 | 5,317 | 6,489 |
| Other industrial | 5,000 | 5,000 | 5,175 |
| Residential & commercial | 350 | 400 | 349 |
| Total | 63,732 | 56,448 | 60,134 |
| **Consumption-Anthracite** | 7/80 | 7/80 | 8/79 |
| Electric utility | 93 | 89 | 96 |
| Coke plants | 10 | 9 | 24 |
| Other industrial | 75 | 75 | 48 |
| Residential & commercial | 150 | 150 | 96 |
| Total | 328 | 323 | 264 |

Data given in thousands of short tons.
Source: U.S. Dept. of Energy, Energy Information Administration - Weekly Coal Report

| **Coal User Stocks of Coal** | 6/30/80 | 5/31/80 | 6/30/79 |
|---|---|---|---|
| Electric power utilities | 175,120 | 170,319 | 134,394 |
| Coke plants | 9,872 | 9,653 | 9,941 |
| Other industrial | 9,400 | 9,100 | 8,668 |
| Total | 194,392 | 189,072 | 133,003 |

Data given in thousands of short tons.
Source: U.S. Dept. of Energy, Energy Information Administration - Weekly Coal Report.

| **Coal User Production** | Recent | Previous | Year Ago |
|---|---|---|---|
| Major direct users: | | | |
| Electric utilities | | | |
| (Mil. Kwh., Week ended Oct. 4, 1980) | 40,992 | 44,351 | 41,357 |

| | Oct. 4, 1980 | Previous | Year Ago |
|---|---|---|---|
| Steel (Short tons, thousands, Week ended Oct. 4, 1980) | 1,950 | 1,896 | 2,404 |
| Cement, Portland, U.S. shipments (short tons, July, 1980) | 7,090,983 | 6,960,752 | 7,939,759 |
| Other significant output: | | | |
| Aluminum (short tons, Aug. 1980) | 421,720 | 424,607 | 430,192 |
| Motor vehicle production, total (week ended, Oct. 4, 1980) | 168,572 | 165,090 | 210,292 |
| Machine tools: Net new orders ($000, Aug. 1980) | 168,572 | 165,090 | 210,292 |
| Machine tools: Net new orders ($000, Aug. 1980) | 222,550 | 304,550 | 426,050 |
| Shipments ($000, Aug. 1980) | | | |

| | 9/80 | 8/80 | 9/79 |
|---|---|---|---|
| **Price Indexes** | | | |
| Coal | 472.1 | 469.0 | 452.8 |
| Anthracite | 478.4 | 470.4 | N.A. |
| Chestnut, Pa., mine | 426.7 | N.A. | N.A. |
| Buckwheat No. 1 Pa., mine | N.A. | N.A. | N.A. |
| Bituminous | 471.0 | 468.1 | 453.1 |
| Domestic sizes | 584.8 | 580.7 | 575.1 |
| Retail dealers | 276.7 | 274.7 | 272.1 |
| Industrial sizes, spot | 398.7 | 395.8 | 393.5 |
| Steam electric utility | 123.4 | 122.1 | 117.6 |
| Manufacturing | 252.4 | 250.3 | 250.9 |
| Metallurgical, high volatile | 704.2 | 698.5 | 706.2 |
| Metallurgical, low & medium volatile | 704.1 | 704.6 | 705.2 |
| Industrial sizes, contract | 133.9 | 133.1 | 127.8 |
| Steam electric utility | 161.8 | 160.2 | 147.4 |
| Manufacturing | 120.2 | 120.1 | 116.3 |
| Metallurgical, high volatile | 99.2 | 99.2 | 104.4 |
| Coke (foundry by-product) | 430.6 | 430.6 | 430.6 |
| Birmingham, Ala. | 439.6 | 439.6 | 434.0 |
| Milwaukee, Wis. | 420.4 | 420.4 | 420.4 |
| Detroit, Mich. | 423.1 | 423.1 | 427.4 |
| Indianapolis, Ind. | 437.7 | 437.7 | 437.7 |
| St. Louis, Missouri | 286.8 | 286.8 | 286.8 |
| Philadelphia, Penna. | 285.8 | 285.8 | 285.8 |

N.A. - Not available

# FACTS & FIGURES

# EXPORTS

| Bituminous coal, low volatile blends to make coke | Physical Value: Quantity in short tons Aug. 1980 | July 1980 | Aug. 1979 | Dollar Value: Aug. 1980 | July 1980 | Prices—Avg. Value per Short Ton: Avg. Value, Aug. 1979 | Avg. Value, per short ton Aug. 1980 | July 1980 | Aug. 1979 |
|---|---|---|---|---|---|---|---|---|---|
| Japan | 2,015,081 | 1,524,560 | 1,121,789 | 115,254,563 | 87,611,566 | 66,928,036 | 57.20 | 57.47 | 59.66 |
| Canada | 682,114 | 606,212 | 960,686 | 40,769,839 | 35,917,171 | 54,774,260 | 59.77 | 59.25 | 57.02 |
| Italy | 505,083 | 528,348 | 357,892 | 26,751,905 | 28,330,860 | 18,987,823 | 52.97 | 53.62 | 53.05 |
| Belgium | 411,096 | 292,418 | 184,625 | 21,018,019 | 13,270,673 | 8,625,714 | 51.13 | 45.38 | 46.72 |
| France | 269,176 | 317,622 | 230,491 | 15,621,011 | 16,544,816 | 12,984,344 | 58.03 | 52.09 | 56.33 |
| Netherlands | 266,670 | 28,227 | 303,679 | 13,291,803 | 1,578,861 | 16,064,074 | 49.84 | 55.93 | 52.90 |
| Korea Rep. (South) | 235,414 | 32,967 | — | 12,597,848 | 1,643,342 | — | 53.51 | 49.84 | — |
| Brazil | 205,909 | 342,923 | 231,191 | 11,870,387 | 19,538,281 | 12,929,559 | 57.65 | 56.98 | 55.93 |
| Spain | 193,326 | 300,863 | 147,758 | 9,978,915 | 14,930,213 | 7,548,939 | 51.62 | 77.23 | 51.09 |
| Yugoslavia | 192,067 | — | 84,778 | 9,834,809 | — | 4,098,387 | 50.16 | — | 48.34 |
| United Kingdom | 183,683 | 170,352 | 118,332 | 9,654,659 | 9,318,677 | 6,491,814 | 52.56 | 54.70 | 54.86 |
| Turkey | 174,275 | 89,777 | 162,618 | 8,411,489 | 4,354,214 | 7,744,784 | 48.27 | 48.50 | 47.63 |
| Sweden | 146,084 | 132,450 | 55,877 | 7,719,138 | 6,952,424 | 2,852,672 | 52.84 | 52.49 | 51.24 |
| Portugal | 101,848 | — | 89,379 | 5,484,842 | — | 4,866,330 | 53.85 | — | 54.45 |
| Egypt | 94,635 | 118,346 | 93,265 | 5,485,302 | 6,791,474 | 4,928,784 | 57.96 | 57.39 | 52.85 |
| Total, above | 5,676,441 | 4,485,065 | 4,142,160 | 313,544,309 | 246,782,572 | 229,825,520 | 55.24 | 55.02 | 55.48 |
| Total, other nations | 467,694 | 373,390 | 349,826 | 25,030,705 | 19,931,895 | 17,040,156 | 53.52 | 53.38 | 48.71 |
| Total, all nations | 6,144,135 | 4,858,455 | 4,491,986 | 338,575,014 | 266,714,467 | 246,865,676 | 55.11 | 54.90 | 54.96 |
| **Bituminous coal, other** | | | | | | | | | |
| Canada | 1,161,541 | 1,487,958 | 1,448,830 | 46,117,756 | 59,342,364 | 56,484,404 | 39.70 | 39.88 | 38.99 |
| Netherlands | 322,379 | 211,398 | — | 12,298,556 | 8,882,421 | — | 38.15 | 42.02 | — |
| United Kingdom | 260,625 | 186,133 | — | 11,061,103 | 7,817,691 | — | 42.44 | 42.00 | — |
| France | 240,265 | 296,957 | — | 8,739,058 | 10,863,876 | — | 36.37 | 36.58 | — |
| Denmark | 202,192 | 263,923 | 49,947 | 8,397,790 | 10,596,623 | 1,583,126 | 41.53 | 40.15 | 31.70 |
| Belgium | 121,711 | 136,282 | — | 3,877,233 | 4,979,668 | — | 31.86 | 36.54 | — |
| Total, above | 2,308,713 | 2,582,651 | 1,498,777 | 90,491,496 | 102,482,643 | 58,067,530 | 39.20 | 39.68 | 38.74 |
| Total, other nations | 490,869 | 531,073 | 98,262 | 21,002,660 | 22,079,390 | 4,847,535 | 42.79 | 41.58 | 49.33 |
| Total, all nations | 2,799,582 | 3,113,724 | 1,597,039 | 111,494,156 | 124,562,033 | 62,915,065 | 39.83 | 40.00 | 39.39 |
| **Lignite** | | | | | | | | | |
| Total, all nations | 39,822 | 2,047 | 1,433 | 1,548,031 | 371,108 | 194,986 | 38.87 | 181.29 | 136.07 |

| Coal coke for use as fuel | Physical Value: Quantity in short tons Aug. 1980 | July 1980 | Aug. 1979 | Dollar Value: Aug. 1980 | July 1980 | Prices—Avg. Value per Short Ton: Avg. Value, Aug. 1979 | Avg. Value, per short ton Aug. 1980 | July 1980 | Aug. 1979 |
|---|---|---|---|---|---|---|---|---|---|
| Canada | 125,890 | — | 63,557 | 4,626,481 | — | 3,420,413 | 36.75 | — | 53.73 |
| Other nations | 113,346 | 219,437 | 95,531 | 8,068,445 | 10,760,165 | 4,262,230 | 71.18 | 49.04 | 44.62 |
| Total, all nations | 239,236 | 219,437 | 159,188 | 12,694,926 | 10,760,165 | 7,682,643 | 53.06 | 49.04 | 48.26 |
| **Petroleum coke, except calcined** | | | | | | | | | |
| Japan | 287,799 | 185,786 | 128,528 | 12,681,271 | 8,043,996 | 3,336,849 | 44.06 | 43.30 | 25.96 |
| Belgium | 138,921 | 64,626 | 37,664 | 5,504,926 | 1,912,923 | 1,067,410 | 39.63 | 29.60 | 28.34 |
| Netherlands | 108,059 | 60,687 | 193,584 | 4,801,321 | 2,774,608 | 6,689,173 | 44.43 | 45.57 | 34.55 |
| Totals, above | 534,779 | 311,279 | 359,776 | 22,987,518 | 12,731,527 | 11,093,432 | 42.99 | 40.90 | 30.83 |
| Total, other nations | 181,684 | 262,923 | 201,898 | 7,928,752 | 9,362,307 | 6,383,371 | 43.64 | 35.61 | 31.62 |
| Total, all nations | 716,463 | 574,202 | 561,674 | 30,915,270 | 22,093,834 | 17,476,803 | 43.15 | 38.48 | 31.12 |
| **Compositions for fuel** | | | | | | | | | |
| Total, all nations | 122 | 193 | 665 | 15,060 | 26,126 | 106,764 | 123.44 | 135.37 | 160.31 |
| **Anthracite** | | | | | | | | | |
| Total, all nations | 286,002 | 273,149 | 159,006 | 15,753,348 | 12,562,154 | 8,684,065 | 55.08 | 45.99 | 54.61 |
| IMPORTS | | | | | | | | | |
| **Bituminous coal** | | | | | | | | | |
| South Africa | 122,503 | — | 161,760 | 4,196,267 | — | 3,299,788 | 34.25 | — | 20.40 |
| Total, other nations | 333 | 28,763 | 28,459 | 22,196 | 973,681 | 886,078 | 66.65 | 33.85 | 31.14 |
| Total, all nations | 122,836 | 28,763 | 190,219 | 4,218,463 | 973,681 | 4,185,844 | 34.34 | 33.85 | 22.01 |
| **Coke, suitable for fuel** | | | | | | | | | |
| Total, all nations | 114,529 | 23,270 | 503,873 | 10,131,185 | 2,301,960 | 42,295,460 | 88.48 | 98.92 | 83.94 |
| **Compositions for fuel** | | | | | | | | | |
| Total, all nations | 2,131 | 2,373 | — | 95,988 | 102,644 | — | 45.04 | 43.25 | — |
| **Coal, other & lignite** | | | | | | | | | |
| Total, all nations | 42,837 | 3,150 | 129,814 | 1,694,202 | 105,755 | 4,134,488 | 39.55 | 33.57 | 31.85 |

# WHERE & WHEN

## A CALENDAR OF EVENTS OF MEETINGS OF INTEREST TO THE COAL AND OTHER ENERGY-RELATED INDUSTRIES.

**Nov. 6-7 — 94th Annual Pittsburgh Coal Mining Institute of America at Howard Johnson's Motor Lodge, Monroeville, Pa.**

**Nov. 12-14 — Sixth Institute on Mine Health and Safety, Colorado School of Mines. Information: Prof. Robert T. Reeder, Director, Institute of Mine Health and Safety, Colorado School of Mines, Golden, Col. 80401. Phone: 303-279-0300, ext. 2708.**

**Nov. 18-19 — NCA-BCOA Coal Training Workshop at French Lick Springs Hotel, French Lick, Ind. Information: Betsy Kraft, National Coal Association, 1130 17th Street N.W., Washington, D.C. 20036. Telephone: 202-463-2640.**

**Nov. 18-20 — Coal Technology '80, 3rd International Coal Utilization Conference & Exhibition at Houston, Tex. Information: Coal Technology '80, 6006 Bellaire Blvd., Suite 100, Houston, Tex. 77801. Phone: 713-666-5188.**

**Nov. 24-25 — 4th International Conference on Energy — The Energy Revolution: Its Impact on Industry & Society, Hotel Roosevelt, New York. Information: Business Communications Co., P.O. Box 2070C, 9 Viaduct Road, Stamford, Conn. 06906.**

# EXPORTS FACTS & FIGURES

**STEAM COAL (521.3120) EXPORTS for JUNE 1980**

| Destination | STN | $ | Export Customs District |
|---|---|---|---|
| Canada | 1,259 | 56,697 | Ogdensburg, N.Y. |
| " | 6,291 | 274,600 | Buffalo, N.Y. |
| " | 894 | 36,106 | Pembina, N.Dak. |
| " | 13,736 | 771,245 | Detroit, Mich. |
| " | 1,465,978 | 58,203,716 | Cleveland, Ohio |
| " | 1,487,958 | 59,342,364 | |
| Mexico | 1,089 | 58,199 | Laredo, Tex. |
| " | 1,120 | 55,240 | El Paso, Tex. |
| " | 2,209 | 113,439 | |
| Chile | 67,352 | 2,295,877 | Philadelphia, Pa. |
| " | 25,241 | 1,032,957 | Norfolk, Va. |
| " | 92,593 | 3,328,834 | |
| Brazil | 1 | 2,856 | New York, N.Y. |
| Denmark | 62,059 | 2,328,328 | Baltimore, Md. |
| " | 148,281 | 6,323,883 | Norfolk, Va. |
| " | 53,583 | 1,944,412 | New Orleans, La. |
| " | 263,923 | 10,596,623 | |
| United Kingdom | 196,133 | 7,817,691 | Norfolk, Va. |
| Ireland | 26,451 | 1,416,470 | Galveston, Tex. |
| The Netherlands | 211,398 | 8,882,421 | Norfolk, Va. |
| Fed. Rep. of Germany | 21,285 | 1,085,535 | |
| Belgium | 46,102 | 2,131,832 | Baltimore, Md. |
| " | 90,180 | 2,847,836 | Norfolk, Va. |
| " | 136,282 | 4,979,668 | |
| France | 196,611 | 7,107,574 | Baltimore, Md. |
| " | 41,638 | 1,499,125 | Norfolk, Va. |
| " | 59,708 | 2,257,177 | New Orleans, La. |
| " | 296,957 | 10,863,876 | |
| Spain | 30,366 | 1,666,642 | Philadelphia, Pa. |
| " | 40,319 | 1,876,430 | Norfolk, Va. |
| " | 70,685 | 3,543,072 | |
| Italy | 53,064 | 1,895,736 | Norfolk, Va. |
| Romania | 43,069 | 1,396,831 | Baltimore, Md. |
| " | 31,496 | 1,259,820 | New Orleans, La. |
| " | 74,565 | 2,656,651 | |
| Taiwan | 63,419 | 2,197,190 | Baltimore, Md. |
| Japan | 39,716 | 2,053,938 | New Orleans, La. |
| " | 86,925 | 3,779,481 | Los Angeles, Calif. |
| " | 126,641 | 5,833,419 | |
| Rep. of S. Africa | 160 | 6,388 | New York, N.Y. |
| Total Exports | 3,113,724 | 124,562,033 | |

**METALLURGICAL COAL (521.3110) EXPORTS FOR JULY 1980**

| | | | |
|---|---|---|---|
| Canada | 1,653 | 73,469 | Buffalo, N.Y. |
| " | 75 | 2,925 | Detroit, Mich. |
| " | 604,484 | 35,840,777 | Cleveland, Ohio |
| " | 606,212 | 35,917,171 | |
| Mexico | 46,551 | 2,418,146 | Norfolk, Va. |
| " | 1,283 | 58,539 | Laredo, Tex. |
| " | 47,834 | 2,476,685 | |
| Brazil | 342,923 | 19,538,281 | Norfolk, Va. |
| Sweden | 48,886 | 2,417,840 | Baltimore, Md. |
| " | 83,564 | 4,534,584 | Norfolk, Va. |
| " | 132,450 | 6,952,424 | |
| Norway | 5,294 | 464,184 | Norfolk, Va. |
| United Kingdom | 72,019 | 4,137,257 | Baltimore, Md. |
| " | 33,639 | 1,671,420 | Norfolk, Va. |
| " | 64,694 | 3,510,000 | Mobile, Ala. |
| " | 170,352 | 9,318,677 | |
| The Netherlands | 28,227 | 1,576,861 | Norfolk, Va. |
| Belgium | 80,087 | 3,567,380 | Baltimore, Md. |
| " | 146,130 | 5,994,229 | Norfolk, Va. |
| " | 66,201 | 3,709,064 | Mobile, Ala. |
| " | 66,201 | 3,709,064 | |
| " | 292,418 | 13,270,673 | |
| Italy | 528,348 | 28,330,860 | Norfolk, Va. |
| France | 11,013 | 618,096 | Baltimore, Md. |
| " | 306,609 | 15,926,720 | Norfolk, Va. |
| " | 317,622 | 16,544,816 | |
| Fed. Rep. of Germany | 60,584 | 2,913,450 | Baltimore, Md. |
| " | 142,562 | 7,926,814 | Norfolk, Va. |
| " | 203,146 | 10,840,264 | |
| Spain | 28,290 | 1,094,327 | Baltimore, Md. |
| " | 272,573 | 13,835,886 | Norfolk, Va. |
| " | 300,863 | 14,930,213 | |
| Rep. of Korea | 32,967 | 1,643,342 | Norfolk, Va. |
| Albania | 50,559 | 2,463,189 | Norfolk, Va. |
| Turkey | 43,485 | 2,203,843 | Baltimore, Md. |
| " | 46,292 | 2,150,371 | Norfolk, Va. |
| " | 89,777 | 4,354,214 | |
| Egypt | 47,655 | 3,014,597 | Baltimore, Md. |
| " | 70,691 | 3,776,877 | Norfolk, Va. |
| " | 118,346 | 6,791,474 | |
| Japan | 285,105 | 17,775,669 | Baltimore, Md. |
| " | 867,558 | 48,591,170 | Norfolk, Va. |
| " | 139,349 | 7,689,845 | Mobile, Ala. |
| " | 144,820 | 9,097,030 | New Orleans, La. |
| " | 87,728 | 4,257,843 | Los Angeles, Calif. |
| " | 1,524,560 | 87,611,566 | |
| Algeria | 66,557 | 3,687,573 | Norfolk, Va. |
| Total Exports | 4,858,455 | 266,714,467 | |

**ANTHRACITE COAL (521.3170) EXPORTS FOR JULY 1980**

| | | | |
|---|---|---|---|
| Canada | 1,321 | 76,906 | Ogdensburg, N.Y. |
| " | 1,586 | 96,229 | Buffalo, N.Y. |
| " | 28,384 | 1,791,040 | Philadelphia, Pa. |
| " | 1,227 | 74,968 | Detroit, Mich. |
| " | 32,518 | 2,039,143 | |
| Mexico | 900 | 68,250 | Laredo, Tex. |
| Guatmala | 60 | 3,933 | New York, N.Y. |
| The Netherlands | 33,639 | 1,845,551 | Philadelphia, Pa. |
| Belgium | 11,930 | 601,436 | Philadelphia, Pa. |
| Brazil | 20 | 2,200 | New York, N.Y. |
| France | 35 | 3,118 | New York, N.Y. |
| " | 25,888 | 2,183,262 | Philadelphia, Pa. |
| " | 25,923 | 2,186,380 | |
| Japan | 44 | 2,394 | San Francisco, Calif. |
| Greece | 12 | 2,220 | New York, N.Y. |
| Australia | 203 | 76,992 | Philadelphia, Pa. |
| The Philippines | 18 | 2,394 | Baltimore, Md. |
| Algeria | 40,744 | 2,066,735 | Philadelphia, Pa. |
| Rep. of Korea | 88,150 | 2,549,492 | New York, N.Y. |
| " | 38,988 | 1,095,034 | Philadelphia, Pa. |
| " | 38,988 | 1,095,034 | |
| " | 127,138 | 3,644,526 | |
| Total Exports | 273,149 | 12,562,154 | |

## Two Full-Service Coal Unit Train Repair Shops in Western States

CHICAGO

North American Car Corporation has announced the opening of two new full-service coal unit train repair facilities in Bill, Wyoming and Edgemont, North Dakota.

These two additions bring to 20 the number of full-service car repair facilities North American operates in the U.S. and Canada.

The growing need for quality coal car repair and maintenance service prompted North American Car Corporation to move into the unit coal train repair business.

According to North American Car president, James H. Ozanne:

"It is vital that railcars which carry low sulphur coal from large western mines to industrial urban centers across the United States be maintained in top condition to ensure full utilization. This is only one step in our strategic plan to expand our share of the coal market, which we consider a priority area for growth."

The Bill Shop is located on the Burlington Northern Powder River Basin mainline.

The shop covers 20,000 square feet and has over 7 miles of track. The planning and start-up operation of this newly-built facility have involved several advisory personnel from other North American car repair locations.

The Edgemont Shop, with a 30 car inside capacity and approximately 15 miles of track, is also located on the Burlington Northern mainline running south and east from the coal fields. Both shops allow the railroad to bring entire 110 car trains on to shop property without having to break the train into sections which greatly simplifies switching operations, and expedites the return of trains to service.

The Edgemont and Bill Shop provide the full range of repair services, from preventive maintenance inspections to complete wreck repairs for the unit coal train fleets serving the Powder River Basin area mines.

## Farm Bureau Joins In Ethanol Project

ASHLAND, KY.,

The Ohio Farm Bureau, Inc. will become an equity participant in the ethanol manufacturing joint venture previously announced by Ashland Oil, Inc. and Publicker Industries Inc.

Ashland and Publicker announced today that they plan to restructure their proposed venture agreement, which involves building and operating a coal-fueled ethanol plant at South Point, Ohio. The plant will be capable of producing 60 million gallons annually, and the ethanol will be used to make gasohol.

Under the new arrangement, Ashland Oil will have a 50 percent equity interest in the project, Publicker will have 30 percent and Ohio Farm Bureau 20 percent.

The action was taken, Ashland and Publicker representatives explained, in view of the wide experience of Ohio Farm Bureau affiliates in purchasing grain and marketing distiller's dry grain, a byproduct of the ethanol manufacturing process. The Ohio Farm Bureau Federation, Inc. is a farmers' organization with 85,000 member families.

## Coal Sale to Brazil

GREENWICH, CONN.

N.T. Camicia, chairman and chief executive officer of The Pittston Company, has announced that Pittston Coal Export Corp., a Pittston subsidiary, will supply 4.6 million tons of premium-quality metallurgical coal to Brazil's steel industry over a ten-year period beginning in 1982.

The coal shipments will be made under a long-term contract signed recently in Brazil by representatives of the coal export company, Siderbras, Brazil's national steel-holding company, and five steel companies that are either owned or controlled by Siderbras.

The contract calls for shipments to begin on January 1, 1982, and conclude on March 31, 1992.

Pittston Coal Export Corp. is the largest coal exporter in the United States. Pittston, a NYSE company with assets of $1.2 billion, is a diversified firm with interests in mining and marketing of bituminous coal, the marketing and distribution of fuel oil, Brink's security transportation services, and warehousing and distribution services.